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32-3232: ARL1 Recombinant Protein

Alternative Name : ARFL1.

Description

Source : Escherichia Coli. ARL1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (1-181 a.a.) and having a molecular mass of 22.5 kDa. The ARL1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. ARL1 is part of the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally associated to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, control intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. ARL1 is a weak stimulator of PLD and CT in a phospholipid dependent manner. ARL1 is a GTP-binding protein that has low efficiency as allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. ARL1 is involved in the Golgi apparatus.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The ARL1 solution (0.25mg/ml) containing 20mM Tris-HCl pH-8, 2mM DTT, 100mM NaCl and 40% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGGFFSSIFS SLFGTREMRI LILGLDGAGK TTILYRLQVG EVVTTIPTIG FNVETVTYKN LKFQVWDLGG QTSIRPYWRC YYSNTDAVIY VVDSCDRDRI GISKSELVAM LEEEELRKAI LVVFANKQDM EQAMTSSEMA NSLGLPALKD RKWQIFKTSA TKGTGLDEAM EWLVETLKSR Q.

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